

BARNES & THORNBURG

11 South Meridian Street
Indianapolis, Indiana 46204

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW
175

Customer No.: 23643

Group: 1725

Confirmation
No.: 4549

Application No.: 10/633,439

Invention: METHOD AND APPARATUS FOR
PRODUCTION OF A CAST
COMPONENT

Inventor: Donald J. Frasier

Filed: August 1, 2003

Attorney
Docket: 27163-76460

Examiner: Lorence, Richard M.



Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

on April 25, 2005

Angela Kay Lanning
(Signature)

Angela Kay Lanning
(Printed Name)

SUBMISSION OF POWER OF ATTORNEY
TO PROSECUTE APPLICATIONS BEFORE THE USPTO
AND
STATEMENT UNDER 37 C.F.R. 3.73(B)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

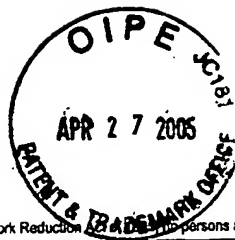
Sir:

Applicant submits for the above-identified application the following: (1) Power of Attorney to Prosecute Applications Before the USPTO (Form PTO/SB/80) signed on January 14, 2005, by Daniel M. Barbieri, Legal Counsel of the Assignee of Record, and (2) a Statement Under 37 C.F.R. 3.73(b) (Form PTO/SB/96) with copies of assignments or other documents in the chain of title are attached.

Please charge any fees that may be due in connection with this submission to our Deposit Account No. 10-0435, but not to include as payment of any issue fees.

Respectfully submitted,

John H. Allie, Reg. No. 39,088
Barnes & Thornburg LLP
11 South Meridian Street
Indianapolis, Indiana 46204-3335
Tel.: (317) 261-7944
Fax: (317) 231-7433



Doc Code:

PTO/SB/80 (11-04)
Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer

23643

OR

☐ Practitioner(s) named below (if more than ten practitioners are to be named, then a customer number must be used):

| Name | Registration Number | Name | Registration Number |
|------|---------------------|------|---------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer

23643

OR

| | | | |
|----------------------------------|-------|-----|--|
| <input type="checkbox"/> Firm or | | | |
| Address | | | |
| City | State | Zip | |
| Country | | | |
| Telephone | Fax | | |

Assignee Name and Address:

Rolls-Royce Corporation
2001 S. Tibbs Avenue, Mail Drop u27
Indianapolis, IN 46241

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

| | | | |
|-----------|---------------------------|-----------|--------------|
| Signature | <i>Daniel M. Barbieri</i> | Date | 1-14-05 |
| Name | DANIEL M. BARBIERI | Telephone | 317-230-5746 |
| Title | LEGAL COUNSEL | | |

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/ Patent Owner: Allison Engine Company, Inc.Application No./Patent No.: 10/633,439Filed/Issue Date: August 1, 2003Entitled: **METHOD AND APPARATUS FOR PRODUCTION OF A CAST COMPONENT**Rolls-Royce Corporation, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

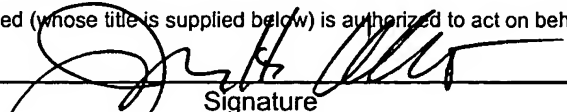
1. From: Inventors To: Allison Engine Company, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 010623, Frame 0693, or for which a copy thereof is attached.
2. From: Allison Engine Company, Inc. To: Rolls-Royce Corporation
The document was recorded in the United States Patent and Trademark Office at
Reel 015919, Frame 0973, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document (s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Signature

John H. Allie

Printed or Typed Name

Attorney of Record

Title

April 23, 2005
Date

317-261-7944

Telephone number



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 28, 2000

WOODARD, EMHARDT, NAUGHTON, ET AL.
JOHN H. ALLIE
111 MONUMENT CIRCLE, SUITE 3700
BANK ONE CENTER/TOWER
INDIANAPOLIS, IN 46204-5137

PTAS

RECEIVED



101363114A

JUL 07 2000

Woodard, Emhardt, Naughton,
Moriarty & McNett

**CORRECTED
NOTICE**

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/20/2000

REEL/FRAME: 010623/0693
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FRASIER, DONALD J.

DOC DATE: 03/03/2000

ASSIGNOR:

SCHLIENGER, M. ERIC

DOC DATE: 03/09/2000

ASSIGNOR:

BRADY, GUY ALLEN

DOC DATE: 03/03/2000

ASSIGNOR:

KUSH, MATTHEW T.

DOC DATE: 03/03/2000

ASSIGNOR:

VESSELY, PATRICK A.

DOC DATE: 03/03/2000

ASSIGNEE:

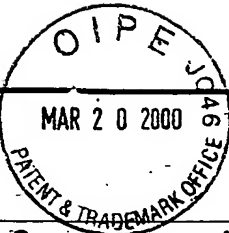
ALLISON ENGINE COMPANY, INC.
P.O. BOX 420
INDIANAPOLIS, INDIANA 46206

010623/0693 PAGE 2

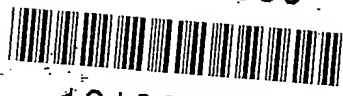
SERIAL NUMBER: 09444155
PATENT NUMBER:

FILING DATE: 11/20/1999
ISSUE DATE:

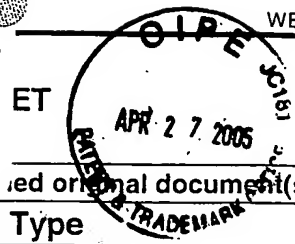
ANNE HARRELL, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



06-27-2000



101363114



WENMM 1619A (2-99)

RE

ET

TO: The Commissioner of Patents and

ed original document(s) or copy(ies).

Submission Type

Conveyance Type

☒ New **3-20-00**

☐ Resubmission (Non-Recordation)
Document ID#

☐ Correction of PTO Error

☐ Reel # Frame #

☐ Corrective Document

Reel # Frame #

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government
(For use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

☒ Mark if additional names of conveying parties attached

Conveying Party(ies)

First Party

Execution Date
Month Day Year

Name (line 1) Frasier, Donald J.

March 3, 2000

Second Party

Execution Date
Month Day Year

Name (line 2) Schlienger, M. Eric

March 9, 2000

Receiving Party

Mark if additional names of receiving party attached

Name (line 1) Allison Engine Company, Inc.

Name (line 2)

Address (line 1) P.O. Box 420

Address (line 2)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Address (line 3) Indianapolis

IN

46206

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

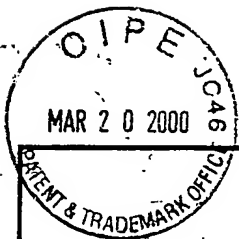
Valid date: 03/22/2000 TLWJ11
03/22/2000 TLWJ11 00000091 233030 09444155
03 FC:581 40.00 CR

FOR OFFICE USE ONLY

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington D.C., 20231

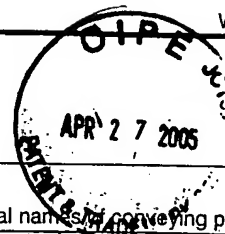
03/22/2000 TLWJ11 00000091 233030 09444155
03 FC:581 40.00 CR

03/22/2000 TLWJ11 00000092 09444155
03 FC:581 40.00 DP



WENMM 1619C

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY



| | | | |
|---|---------------------|---|--|
| Conveying Party(ies) | | <input checked="checked" type="checkbox"/> X | Mark if additional names of conveying parties attached |
| <i>Enter additional Conveying Parties</i> | | | Execution Date Month Day Year |
| Name (line 1) | Brady, Guy Allen | | March 3, 2000 |
| Name (line 2) | | | |
| | | | Execution Date Month Day Year |
| Name (line 1) | Kush, Matthew T. | | March 3, 2000 |
| Name (line 2) | | | |
| | | | Execution Date Month Day Year |
| Name (line 1) | Vessely, Patrick A. | | March 3, 2000 |
| Name (line 2) | | | |

6001-783:JHA/pdr:80963

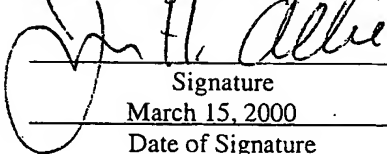
I hereby certify that this Correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on:

March 15, 2000

(Date of Deposit)

John H. Allie

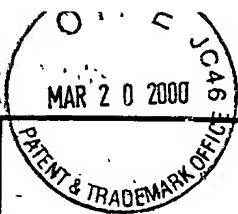
Name of Registered Representative



Signature

March 15, 2000

Date of Signature

**Correspondent Name and Address**

| | | |
|--------------------------------|--|----------------|
| Area Code and Telephone Number | | (317) 634-3456 |
| Name | John H. Allie | |
| Address (line 1) | Woodard, Emhardt, Naughton, Moriarty & McNett | |
| Address (line 2) | 111 Monument Circle, Suite 3700 | |
| Address (line 3) | Bank One Center/Tower | |
| Address (line 4) | Indianapolis, Indiana 46204-5137 | |
| Pages | Enter the total number of pages of the attached conveyance document including any attachments. | # 6 |

Application Number(s) or Patent Number(s)☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

| Patent Application Number(s) | | Patent Number(s) | |
|------------------------------|--|------------------|--|
| 09/444,155 | | | |
| | | | |
| | | | |

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.Month Day Year
9/3/99**Patent Corporation Treaty**Enter a PCT application number only if a U.S. Application Number has not been assigned.PCT
PCTPCT
PCTPCT
PCT**Number of properties**

| | | |
|---|---|--|
| Enter the total number of properties involved | | #1 |
| Fee Amount | Fee Amount for Properties Listed (37 CFR 3.41): | \$40.00 |
| Method of Payment: Deposit Account | Enclosed <input checked="" type="checkbox"/> | Deposit Account <input type="checkbox"/> |

(Enter for payment by deposit account or if additional fees can be charged to the account).

| | |
|--|---|
| Deposit Account Number | #23-3030 |
| Authorization to charge additional fees: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

John H. Allie

March 15, 2000

Name of Person Signing

Signature

Date

WOODARD, EMHARDT, NAUGHTON, MORIARTY & McNETT

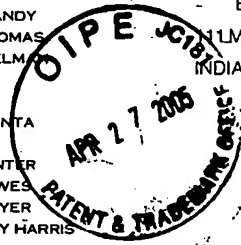
HAROLD R. WOODARD
C. DAVID EMHARDT
JOSEPH A. NAUGHTON
JACK V. MORIARTY
JOHN C. MCNETT
THOMAS O. HENRY
JAMES M. DURLACHER
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TROY J. COLE
L. SCOTT PAYNTER
J. ANDREW LOWES
CHARLES J. MEYER
DARRIN WESLEY HARRIS

PATENT AND TRADEMARK ATTORNEYS
BANK ONE CENTER/TOWER
111 MONUMENT CIRCLE, SUITE 3700
INDIANAPOLIS, INDIANA 46204-5137
(317) 634-3456
FAX (317) 637-7561

MATTHEW R. SCHANTZ
GREGORY B. COY
LISA A. HIDAY
JOHN V. DANILUCK
CHRISTOPHER A. BROWN
C. JOHN BRANNON
JASON J. SCHWARTZ
ARTHUR J. USHER IV
DOUGLAS A. COLLIER
BRAD A. SCHEPERS
R. CRAIG TUCKER
JAMES B. MYERS JR.
JOHN M. BRADSHAW
C. AMY NG SMITH

JAMES L. ROWE
SCOTT J. STEVENS
OF COUNSEL
LINDA S.W. CONRAD
STAFF ATTORNEY
CHARLES P. JACOBS
(1837-1892)
VIRGIL H. LOCKWOOD
(1860-1932)
RALPH G. LOCKWOOD
(1890-1957)



June 15, 2000

U.S. Patent and Trademark Office
Assignment Division, Box Assignments, CG-4
1213 Jefferson Davis Highway, Suite 320
Washington, D.C. 20231
Attn: Maurice Carter

Re: Request for Correction of Error in Recorded Cover Sheet
U.S. Patent Application
Serial No. 09/444,155
Filed November 20, 1999
METHOD AND APPARATUS FOR PRODUCTION
OF A CAST COMPONENT
Our Reference: 6001-783

700 JUN 19 PM 2:36
OPR/FINANCE

Dear Mr. Carter:

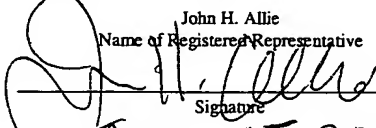
A request for correction of error in recorded cover sheet under 37 C.F.R. § 3.34 is respectfully made. Upon inspection of the recorded document, it is readily apparent that an error occurred in the spelling of the first assignor's name which is incorrectly listed as "Frasler, Donald J." when it should be "Frasier, Donald J." A copy of the Notice of Recordation of Assignment Document with the clerical error highlighted is enclosed along with a copy of the originally recorded document.

It is believed that the error as set out was made on the part of the Patent and Trademark Office and therefore we are not enclosing a remittance fee. However, if any fee is due please charge Deposit Account No. 23-3030 but not to include any payment of issue fees.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on June 15, 2000.

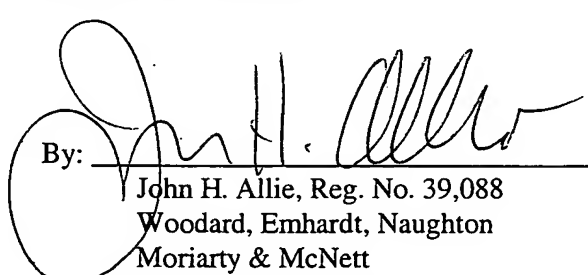
John H. Allie
Name of Registered Representative


Signature

JUNE 15, 2000
Date of Signature

6001-783:JHA/pdr:90575

By:


John H. Allie, Reg. No. 39,088
Woodard, Emhardt, Naughton
Moriarty & McNett
Bank One Center/Tower
111 Monument Circle, Suite 3700
Indianapolis, Indiana 46204
(317) 634-3456

ASSIGNMENT

WHEREAS, Donald J. Erasier of 2496 Lake Crossing, Greenwood, Indiana 46143; M. Eric Schlienger of ~~48 Firch Lane~~ ^{28 Helman Ct.}, Napa, California 94558; Guy Allen Brady of 1105 Farmview Court, Carmel, Indiana 46032; Matthew T. Kush of 1249 Palo Vista Road, Greenwood, Indiana 46214; and Patrick A. Vessely of 2502 East 202nd Street, Westfield, Indiana 46074, hereinafter referred to as Assignors, have made a new and useful invention entitled **METHOD AND APPARATUS FOR PRODUCTION OF A CAST COMPONENT** for which Assignors have made or will make application for Letters Patent of the United States;

WHEREAS, Allison Engine Company, Inc., hereinafter referred to as Assignee, a corporation of the State of Delaware having a principal place of business at P.O. Box 420, Indianapolis, Indiana 46206, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent having a serial number of 09/444,155, and any and all other applications thereon and arising therefrom, including any and all provisionals, divisions, continuations, and continuation-in-part, thereof, and any and all applications claiming the benefit thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 3 day of March, 2000.

Donald J. Frasier
DONALD J. FRASIER

STATE OF Indiana)
COUNTY OF Marion) : SS

Before me, a Notary Public, in and for said County and State, personally appeared DONALD J. FRASIER who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 3RD day of March, 2000.

Cathy S. DeNease
Notary Public

Printed: CATHY S. DENEASE

Resident of Marion County

My Commission Expires:

10/11/2007

CATHY S DENEASE
NOTARY PUBLIC STATE OF INDIANA
MARION COUNTY
MY COMMISSION EXP. OCT. 11, 2007

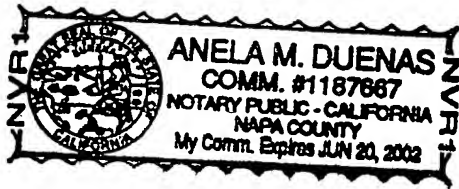
WITNESS Assignor's hand this 9th day of March, 2000.

M. Eric Schlienger
M. ERIC SCHLIENGER

STATE OF California
COUNTY OF Napa) : SS

Before me, a Notary Public, in and for said County and State, personally appeared M. ERIC SCHLIENGER who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 9th day of March, 2000.



Anela M. Duenas
Notary Public
Printed: Anela M. Duenas
Resident of Napa County

My Commission Expires:

6-20-02

WITNESS Assignor's hand this 3rd day of March, 2000.

Guy Allen Brady
GUY ALLEN BRADY

STATE OF Indiana)
COUNTY OF Marion) : SS

Before me, a Notary Public, in and for said County and State, personally appeared GUY ALLEN BRADY who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 3rd day of March, 2000.

Cathy S. Denease
Notary Public

Printed: CATHY S. DENEASE

Resident of Marion County

My Commission Expires:

10/11/2007

CATHY S DENEASE
NOTARY PUBLIC STATE OF INDIANA
MARION COUNTY
MY COMMISSION EXP. OCT. 11, 2007

WITNESS Assignor's hand this 3rd day of March, 2000.

Matthew T. Kush
MATTHEW T. KUSH

STATE OF Indiana)
COUNTY OF Marion) : SS

Before me, a Notary Public, in and for said County and State, personally appeared MATTHEW T. KUSH who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 3rd day of March, 2000.

Cathy S. Denease
Notary Public

Printed: CATHY S. DENEASE

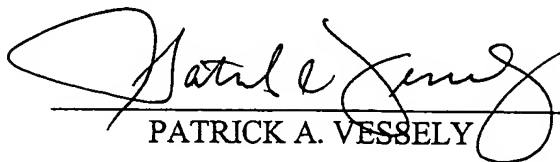
Resident of Marion County

My Commission Expires:

10/11/2007

CATHY S DENEASE
NOTARY PUBLIC STATE OF INDIANA
MARION COUNTY
MY COMMISSION EXP. OCT. 11, 2007

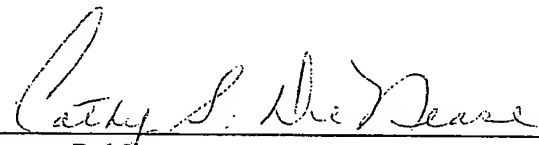
WITNESS Assignor's hand this 3rd day of MARCH, 2000.


PATRICK A. VESSELY

STATE OF Indiana)
COUNTY OF Marion) : SS

Before me, a Notary Public, in and for said County and State, personally appeared PATRICK A. VESSELY who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 3rd day of March, 2000.


Notary Public

Printed: CATHY S. DENEASE

Resident of Marion County

My Commission Expires:

10/11/2007

CATHY S DENEASE
NOTARY PUBLIC STATE OF INDIANA
MARION COUNTY
MY COMMISSION EXP. OCT. 11, 2007



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



500028067A

APRIL 20, 2005

PTAS

ANGELA LANNING (BARNES & THORNBURG LLP)
11 SOUTH MERIDIAN STREET
INDIANAPOLIS, IN 46204

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/19/2005

REEL/FRAME: 015919/0973
NUMBER OF PAGES: 3

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ALLISON ENGINE COMPANY, INC.

DOC DATE: 04/04/2000

ASSIGNEE:

ROLLS-ROYCE CORPORATION
2001 S. TIBBS AVENUE
MAIL DROP U 27
INDIANAPOLIS, INDIANA 46241

SERIAL NUMBER: 09444155

FILING DATE: 11/20/1999

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR PRODUCTION OF A CAST COMPONENT

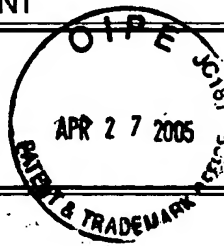
015919/0973 PAGE 2

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

04/19/2005
500028067



SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

CHANGE OF NAME

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------------|----------------|
| Allison Engine Company, Inc. | 04/04/2000 |

RECEIVING PARTY DATA

| | |
|-------------------|-------------------------|
| Name: | Rolls-Royce Corporation |
| Street Address: | 2001 S. Tibbs Avenue |
| Internal Address: | Mail Drop u 27 |
| City: | Indianapolis |
| State/Country: | INDIANA |
| Postal Code: | 46241 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 09444155 |

CORRESPONDENCE DATA

Fax Number: (317)231-7433
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 317-231-7380
Email: alanning@btlaw.com
Correspondent Name: Angela Lanning (Barnes & Thornburg LLP)
Address Line 1: 11 South Meridian Street
Address Line 4: Indianapolis, INDIANA 46204

NAME OF SUBMITTER:

John H. Allie

Total Attachments: 2

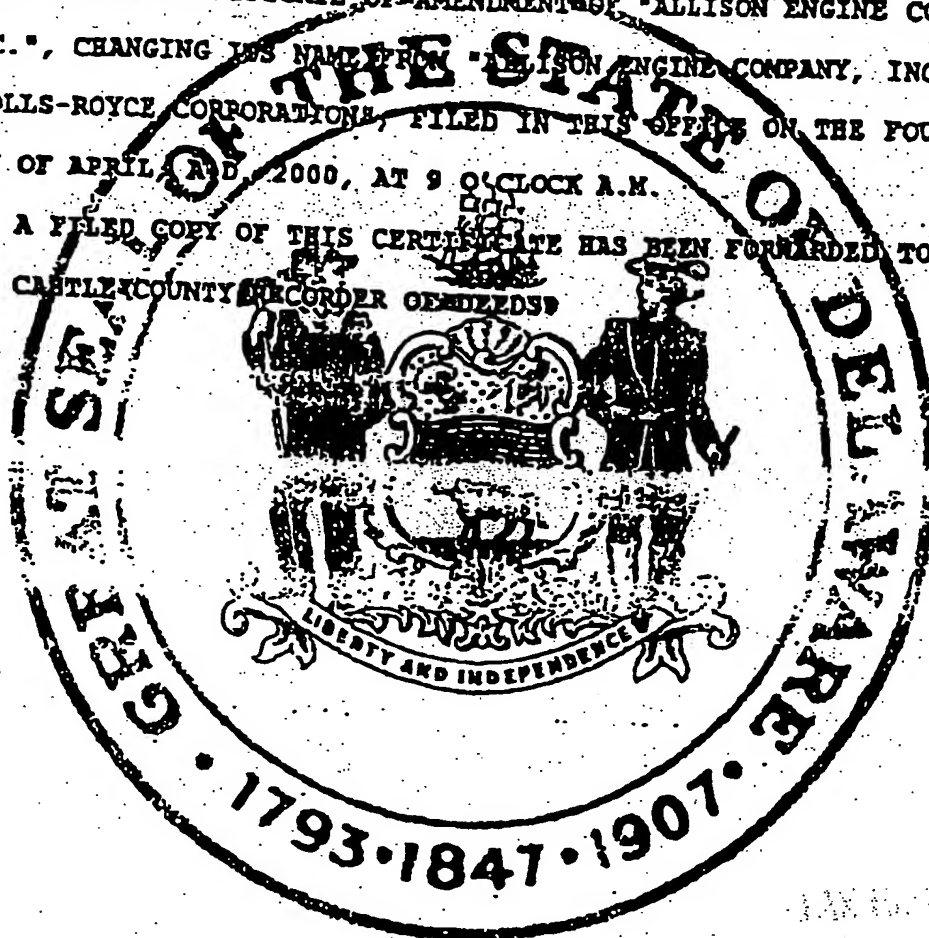
source=09444155#page1.tif

source=09444155#page2.tif

CH \$40.00 09444155

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "ALLISON ENGINE COMPANY, INC.", CHANGING ITS NAME FROM "ALLISON ENGINE COMPANY, INC." TO "ROLLS-ROYCE CORPORATION", FILED IN THIS OFFICE ON THE FOURTH DAY OF APRIL, A.D. 2000, AT 9 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER GENERAL'S OFFICE.



2335555 8100

001170880

Edward J. Freel, Secretary of State

AUTHENTICATION: 0359661

DATE: 04-04-00

CERTIFICATE OF AMENDMENT OF CERTIFICATE OF INCORPORATION
OF
ALLISON ENGINE COMPANY, INC.

IT IS HEREBY CERTIFIED THAT:

1. The name of the corporation (hereinafter called the "Corporation") is Allison Engine Company, Inc.
2. The certificate of incorporation of the Corporation is hereby amended by striking out "Article First" thereof and by substituting in lieu of said Article the following new Article:

~~That~~ The name of the corporation is Rolls-Royce Corporation.

3. The amendment of the certificate of incorporation herein certified has been duly adopted in accordance with the provisions of Sections 228 and 242 of the General Corporation Law of the State of Delaware.

The effective time of the amendment herein certified shall be upon filing with the Delaware Secretary of State.

Signed and attested to on April 4, 2000.



Thomas P. Dale
Vice President - Business
Development & General Counsel &
Secretary

Attest:


Assistant Secretary

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 09:00 AM 04/04/2000
001170880 - 2335555